

# **Knobbe Martens Olson & Bear LLP**

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Lee W. Henderson, Ph.D.

December 5, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Title: INTELLIGENT ROBUST CONTROL SYSTEM FOR MOTORCYCLE  
USING SOFT COMPUTING OPTIMIZER  
Letters Patent No. 7,251,638 B2  
Issued: July 31, 2007  
Our Reference No.: FY.51395US0A

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred through the fault of the Patent Office, no fee is believed to be required. However, please charge our Deposit Account No. 11-1410 for any fees that may be incurred with this request.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP



Lee W. Henderson Ph.D.  
Registration No. 41,830  
Customer No. 20995

Enclosure

4617714  
120507

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

**PATENT NO.** : 7,251,638 B2  
**APPLICATION NO.** : 10/792,292  
**ISSUE DATE** : July 31, 2007  
**INVENTOR(S)** : Fujii et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 2, column 2 (Other Publications), at line 62 after "Intelligent" insert --Industrial--.

In column 8, at approximately line 11, change " $\Phi$ " to --  $\dot{\Phi}$  --.

In column 10, at approximately line 3, change "+C<sub>x12</sub>" to --+C<sub>z12</sub>--.

In column 10, at approximately line 13, change " $\frac{\sigma}{V} F_{y\alpha}$ " to --  $\frac{\sigma}{V} F_{y\alpha}$  --.

In column 10, at approximately line 16, change " $\frac{\sigma}{V} T_{z\alpha}$ " to --  $\frac{\sigma}{V} T_{z\alpha}$  --.

In column 10, at approximately line 18, change " $\frac{\sigma}{V} T_{x\alpha}$ " to --  $\frac{\sigma}{V} T_{x\alpha}$  --.

In column 10, at approximately line 33, change "T<sub>i</sub>" to --T<sub>x</sub>--.

In column 13, at line 66, change "j<sub>i</sub>=1," to --n, j<sub>i</sub>=1,--.

In column 14, at approximately line 56, before "are" change "l<sub>xk</sub>" to --l<sub>xk</sub>--.

In column 15-16 (Table 3), at approximately line 9, change "product" to --sum--.

In column 23 at line 50, change " $\dot{\Phi}^2 + \tau_d^2 \dot{\Omega}^2$ " to --  $\dot{\Phi}^2 + \tau_d^2 \times 0.0001$  --.

In column 26 at line 10, change " $+ \tau_s^2 = 0.0005$ " to --  $+ \tau_s^2 \times 0.0005$  --.

In column 26 at line 10, change "(7-6)" to --(9-11)--.

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